

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022124\
 Data File : VW034306.D
 Acq On : 21 Feb 2024 09:04
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005363

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2024
 Supervised By :Mahesh Dadoda 02/22/2024

Quant Time: Feb 22 00:14:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 21 04:37:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	78886	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	71687	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	36838	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	24599	4.026	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.536	69	23010	4.300	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.060	65	12439	4.222	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	3.838	46	47247m	46.046	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.100%
24) Chloroform-d	4.249	84	53817	4.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	4.947	65	24704	4.762	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	4.960	84	96774	4.499	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	5.989	67	25898	4.308	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.243	98	87011	4.402	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	7.558	79	8692	3.829	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.600%
46) 2-Hexanone-d5	8.030	63	32281	39.833	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.660%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	15501	4.253	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	29691	4.432	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	30829	4.265	ug/L	98
3) Chloromethane	1.217	50	35157	4.458	ug/L	98
5) Vinyl chloride	1.285	62	34882	4.629	ug/L	98
6) Bromomethane	1.491	94	14468	3.646	ug/L	98
8) Chloroethane	1.552	64	24904	4.845	ug/L	91
9) Trichlorofluoromethane	1.716	101	59889	5.515	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	31923	5.624	ug/L	99
12) 1,1-Dichloroethene	2.069	96	29693	5.388	ug/L	98
13) Acetone	2.169	43	36308	46.642	ug/L	95
14) Carbon disulfide	2.240	76	85236	4.780	ug/L	99
15) Methyl Acetate	2.391	43	9345m	5.072	ug/L	
16) Methylene chloride	2.449	84	28278	5.348	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	55384	4.891	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	29629	5.279	ug/L	100
19) 1,1-Dichloroethane	3.111	63	54413	5.276	ug/L	96
21) 2-Butanone	3.915	43	50777m	49.361	ug/L	
22) cis-1,2-Dichloroethene	3.815	96	29917	4.698	ug/L	98
23) Bromochloromethane	4.156	128	11468	5.180	ug/L	91
25) Chloroform	4.275	83	56596	5.428	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	31317	5.246	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	53072	5.514	ug/L	98
30) Cyclohexane	4.580	56	46442	4.962	ug/L	97
31) Carbon tetrachloride	4.732	117	47922	5.691	ug/L	100
33) Benzene	5.008	78	112500	5.232	ug/L	100
34) Trichloroethene	5.834	95	30234	4.859	ug/L	96
35) Methylcyclohexane	6.047	83	49682	5.086	ug/L	97
37) 1,2-Dichloropropane	6.092	63	24795	4.761	ug/L #	97
38) Bromodichloromethane	6.432	83	35063	5.129	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	34074	4.300	ug/L	96
40) 4-Methyl-2-pentanone	7.159	43	113194	45.386	ug/L	96
42) Toluene	7.313	91	125275	5.451	ug/L	96
44) trans-1,3-Dichloropropene	7.584	75	25601	4.207	ug/L	97
45) 1,1,2-Trichloroethane	7.770	97	15626	4.859	ug/L	97
47) Tetrachloroethene	7.902	164	25366	5.017	ug/L	93
48) 2-Hexanone	8.079	43	78563	44.688	ug/L	96
49) Dibromochloromethane	8.175	129	18742	4.904	ug/L	96
50) 1,2-Dibromoethane	8.281	107	14512	5.027	ug/L #	99
51) Chlorobenzene	8.812	112	78061	5.373	ug/L	99
52) Ethylbenzene	8.944	91	141696	5.357	ug/L	100
53) m,p-Xylene	9.069	106	53376	5.340	ug/L	98
54) o-Xylene	9.477	106	52417	5.438	ug/L	100
55) Styrene	9.493	104	81319	5.269	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	16658	4.908	ug/L	97
59) Bromoform	9.667	173	8354	4.117	ug/L	99
60) Isopropylbenzene	9.866	105	137152	5.032	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	12254	4.839	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	121569	5.276	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	117214	5.235	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	62467	5.256	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	59877	5.088	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	53848	5.275	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	2402	4.526	ug/L	87
69) 1,3,5-Trichlorobenzene	12.580	180	47703	5.186	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	35955	5.008	ug/L	98
71) Naphthalene	13.439	128	41274	4.387	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	28137	4.891	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

